

## AMENDMENTS TO THE CLAIMS

### **Listing of Claims:**

This Listing of Claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method comprising:

- a) obtaining one or more a plurality of labeled proteins, polypeptides or peptides, and placing the plurality of labeled proteins, polypeptides or peptides in a plurality of chambers, such that different chambers contain a different type of labeled amino acid;
- b) passing the labeled proteins, polypeptides or peptides through one or more nanopores;
- c) detecting labeled amino acid residues in the labeled proteins, polypeptides or peptides;
- d) compiling an amino acid distance map for each type of labeled amino acid; and
- e) identifying the protein based on the distance maps.

2. (Currently Amended) The method of claim 1, further comprising:

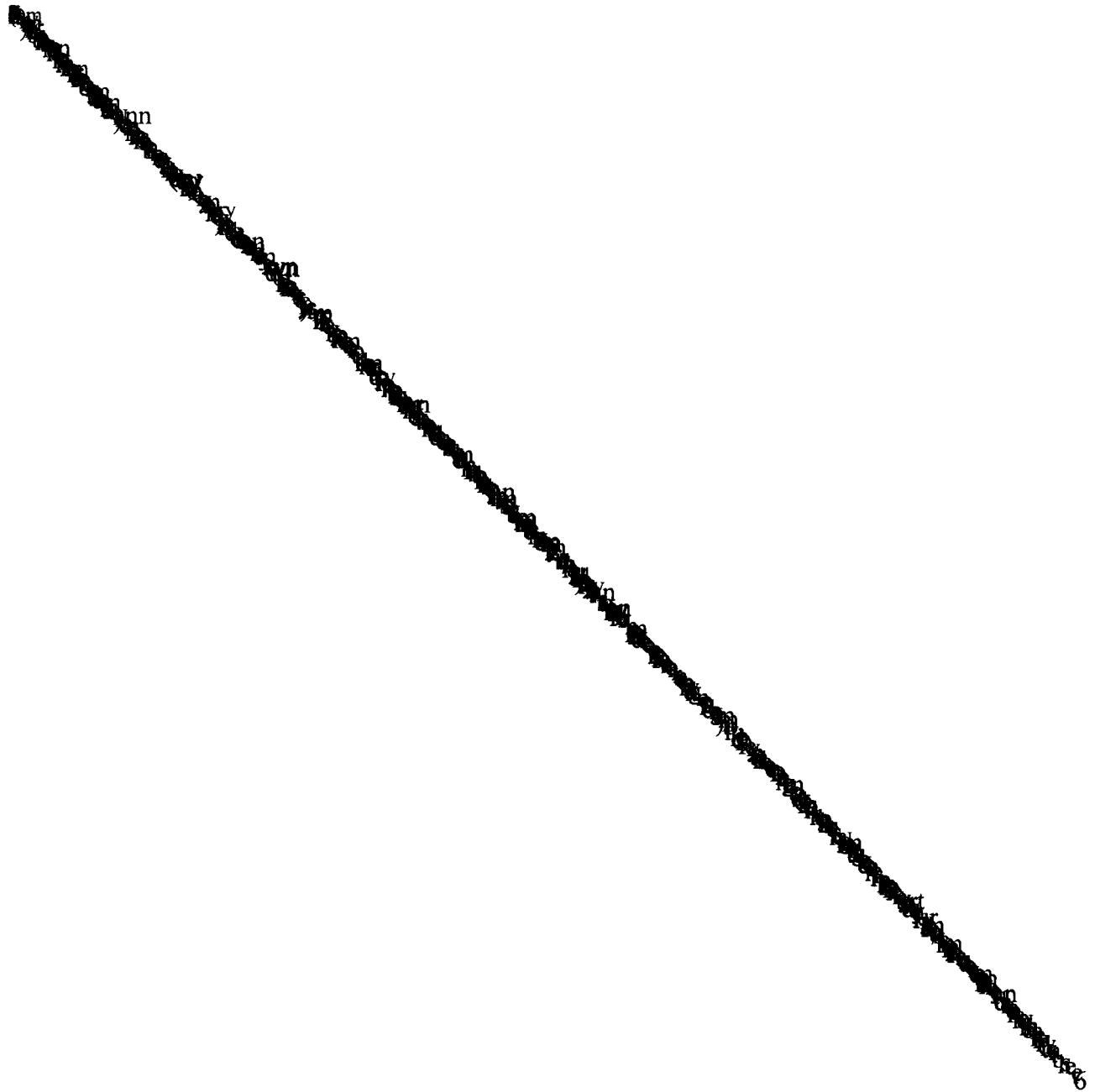
- a) placing a template nucleic acid into at least one each chamber, each chamber to contain a different type of labeled amino acid; and
- b) producing one or more labeled proteins, polypeptides or peptides encoded by the template nucleic acid.

3. (Original) The method of claim 1, further comprising: a) obtaining one or more proteins, polypeptides or peptides from a biological sample; and b) labeling the proteins, polypeptides or peptides post-translationally.

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A scatter plot illustrating a strong negative linear relationship between two variables, Math\_B and Math\_A. The horizontal axis (x-axis) is labeled "Math\_B" and the vertical axis (y-axis) is labeled "Math\_A". The data points, represented by small black dots, form a dense, downward-sloping line, indicating a negative correlation. The points are most concentrated in the upper left and lower right quadrants of the plot area.

A scatter plot with a single data series. The x-axis is labeled "X" and the y-axis is labeled "Y". The data points are represented by small black squares. There is a strong negative linear correlation, as the points follow a clear downward-sloping trend from left to right.



Dear Sirs,  
I have the honor to inform you that I have  
arrived at the port of New York on the  
1<sup>st</sup> instant, having been sent by the  
Government of the United States to  
investigate the condition of the  
slaves in the Southern States.  
I have made a full report of my  
observations, which I will forward to you  
as soon as possible.  
I hope to be able to return to the  
United States in a few weeks.  
Very truly yours,  
John C. Frémont.